

It can be difficult to distinguish bar-codes with identical relative intensities but different absolute intensities (i.e. 1:3 or 2:6)

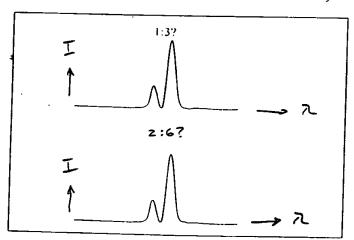


FIG-6A

Atty.

et: 19916-003700 Applicant: EMPEDOSES ET AL.

MARK BARRISH & (650) 326-2400 Appl. No.: Unassigned

DIFFERENTIABLE SPECTRAL BAR CODE METHODS AND SYSTEMS

Sheet 2 of 7 Express Mail No. EL525752645US

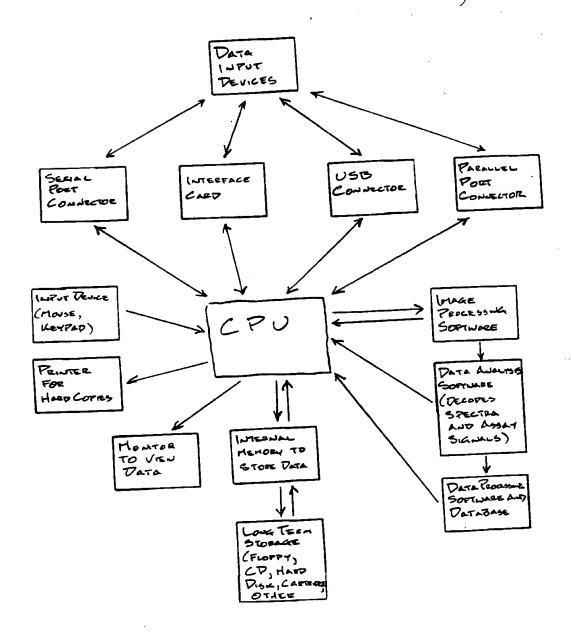


FIG-1A

Atty. Docket

6-003700 MARK BARRISH **8**(650) 326-2400

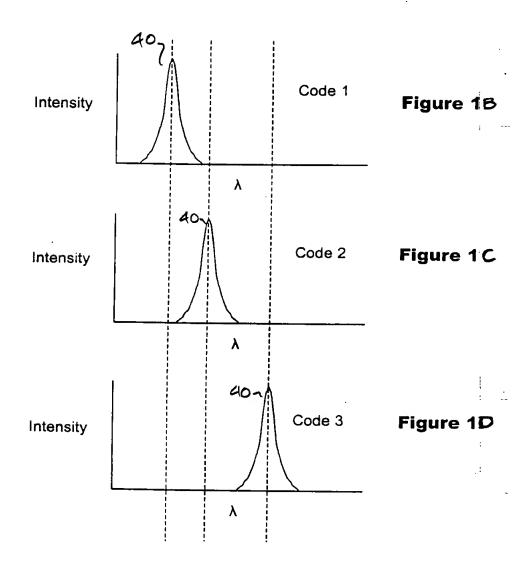
Appl. No.:

Applicant: EMPEDOCLES E

Unassigned DIFFERENTIABLE SPECTRAL BAR CODE METHODS AND SYSTEMS

Sheet 3 of 7

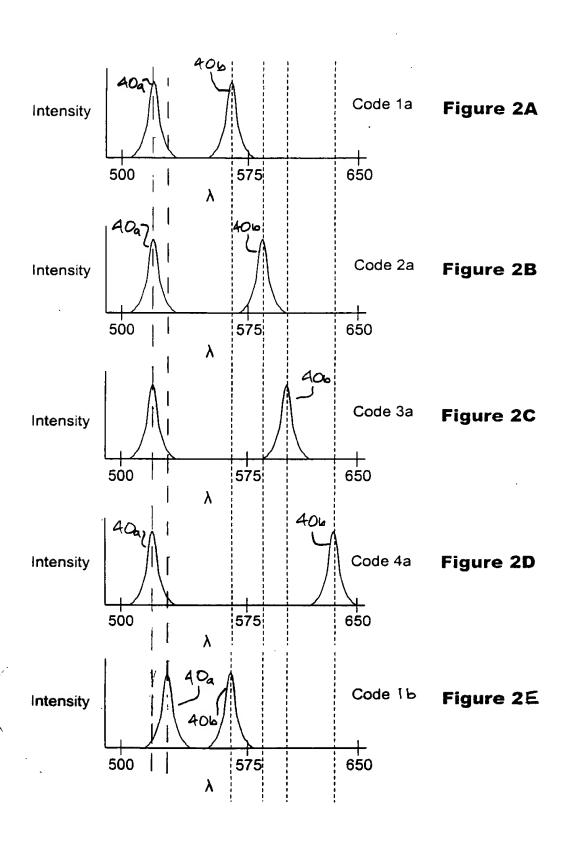
Express Mail No. EL525752645US



Applicant: <u>EMPEDOCLES E</u> 6-003700 Atty. Docket: MARK BARRIS. 2 (650) 326-2400 Appl. No.: DIFFERENTIABLE SPECTRAL BAR CODE METHODS AND SYSTEMS

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Express Mail No. EL525752645US

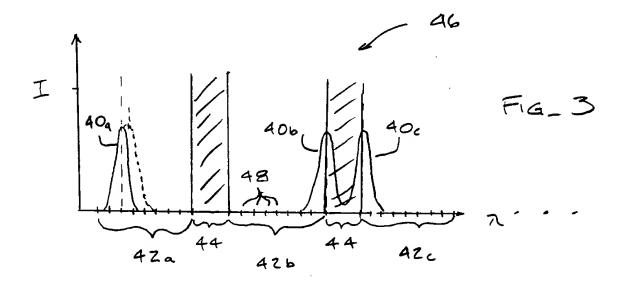


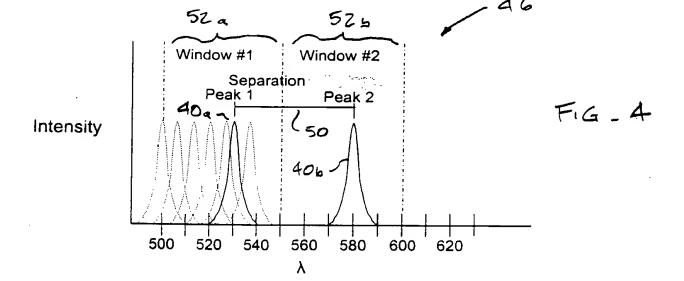
Atty. Do 1: 19916-003700 Applicant: EMPEDOCL 53 ET AL.

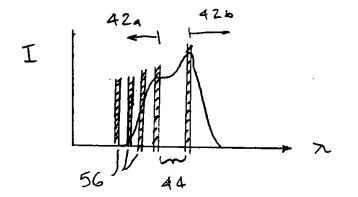
MARK RISH **2** (650) 326-2400 Appl. No.: Unimode

DIFFERENTIABLE SPECTRAL BAR CODE METHODS AND SYSTEMS

Sheet 5 of 7 Express Mail No. EL525752645US







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DIFFERENTIABLE SPECTRAL BAR CODE METHODS AND SYSTEMS

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Internal reference allows unambiguous absolute intensity barcode reading

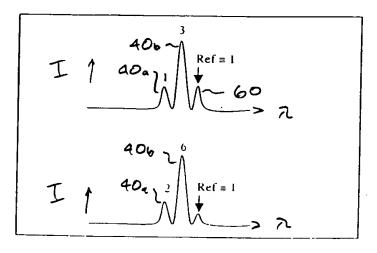
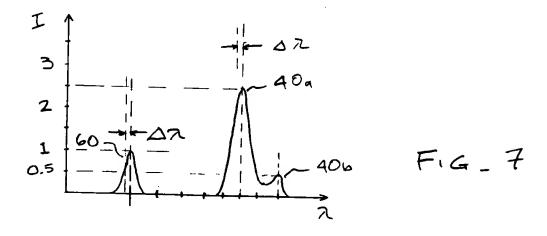


FIG- 6B



Atty. Docke MARK BAR → H 🖺 (650) 326-2400

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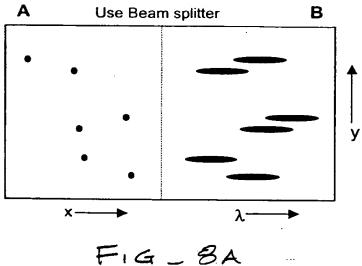
Applicant: EMPEDOCLES

DIFFERENTIABLE SPECTRAL BAR CODE METHODS AND SYSTEMS

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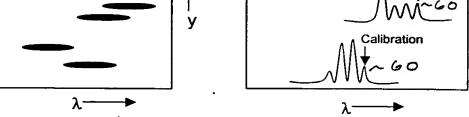


FIG - 8B

Use Internal Reference

Calibration

Calibration